



IMAGERY: LESSONS LEARNED

Participants

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- ❖ Dawn Leatham
- ❖ Jeff Servatius
- ❖ Walt Bulawa
- ❖ John Courtright
- ❖ Keith Weber
- ❖ Margie Wilkins
- ❖ Nick Nydegger
- ❖ Bruce Godfrey
- ❖ Gail Ewart

1. Initiation of TWG and Partnership

- Most people felt that the right people were involved and that there was a good mix
- Specific comments:
 - ▣ Involve all Counties
 - ▣ Engage more private companies
 - ▣ Long-term component



1. Initiation of TWG and Partnership

- ❑ Specific comments (continued):
 - ❑ Framework Coordinator contacts partners
 - ❑ Have an open mind where services end up
 - ❑ BLM Support on National level (contact State BLM to communicate)
 - ❑ It was a good idea to include smaller agencies, not just to contribute money, but also to be part of the entire process





2. Partnership Consortium

- Nearly everyone agreed that it was a good way to go
- Specific comments
 - Needs and structure will change for 2013 NAIP
 - Explain difference between TWG and Partnership Consortium early on
 - Clearly establish roles of universities early on
 - Clearly define who receives resources and what is expected in return



3. Funding

- Find a less complicated funding mechanism
 - ▣ IGO prefers a different approach in the future
 - ▣ If possible, set up multi-organizational structure that has its own spending authority and can collect and distribute money more freely.
 - ▣ ASAP define where people can send funding
- Have a mechanism to
 - ▣ accept long-term commitment to NAIP
 - ▣ encourage agencies to put NAIP in their annual budget.



3. Funding

- ❑ Moving target
 - ❑ Discuss early on what to do when too much, or not enough money is collected
- ❑ Give people as much time as possible to find money in their own organizations
- ❑ “Give what you can” works well
- ❑ Without funding component TWG can move faster
- ❑ Funding for NAIP delivery should be discussed ASAP so software/hardware can be ordered early.
- ❑ County perspective: we did not have any problems with partnership agreements and providing funding

4. NAIP Program

- NAIP is a great program – keep going!
- Shadows



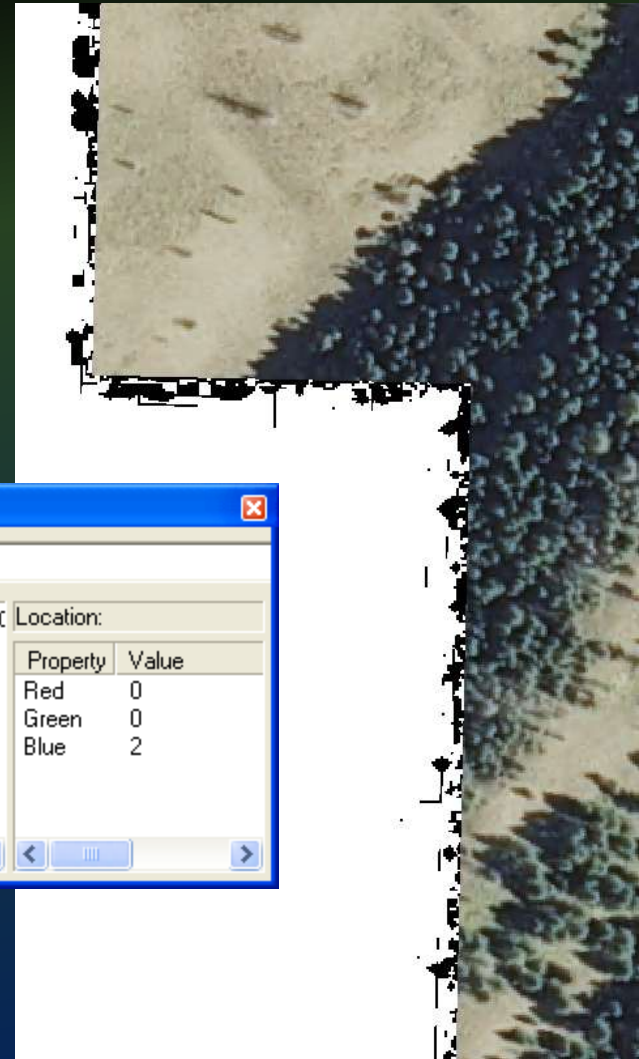
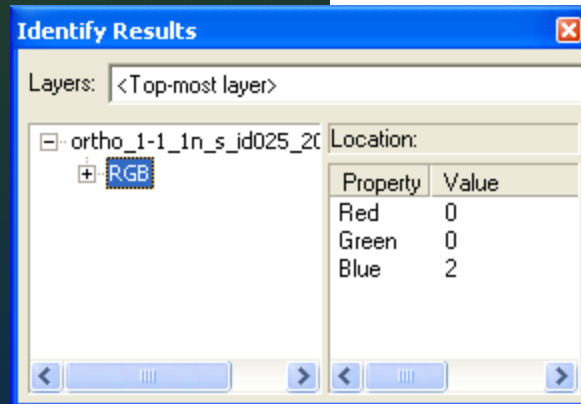
4. NAIP Program

- Control
 - ▣ Use absolute control
 - ▣ Look into State GPS Network
- Have other imagery program for years outside NAIP
- Look into satellite based imagery
- Option for Counties to get better resolution
 - ▣ Important to keep all of Idaho in the same resolution

4. NAIP Program

- Specks on CCM boundaries
- Create 4 band CCMs to QA/QC can be performed on all bands.

General sentiment:
it is great to have
NAIP program.



5. Post Processing

□ QA/QC

- ▣ Have a rating system and specific questions (for example rate shadows, brightness, etc.)
- ▣ Provide people with example of great/acceptable/unacceptable NAIP to score against
- ▣ Report issues to one person who then compiles and passes that on to APFO
- ▣ Divide up work among TWG members. At least two pairs of eyes per CCM.



5. Post Processing



- Need to have a large ftp site to disseminate data ASAP
 - ▣ Advertise to Partners who they can contact to get the data
- Make collaborative decision about products for people that do not wish to use internet services
 - ▣ A number of people were happy with 100K tiles

6. Partner Deliverables

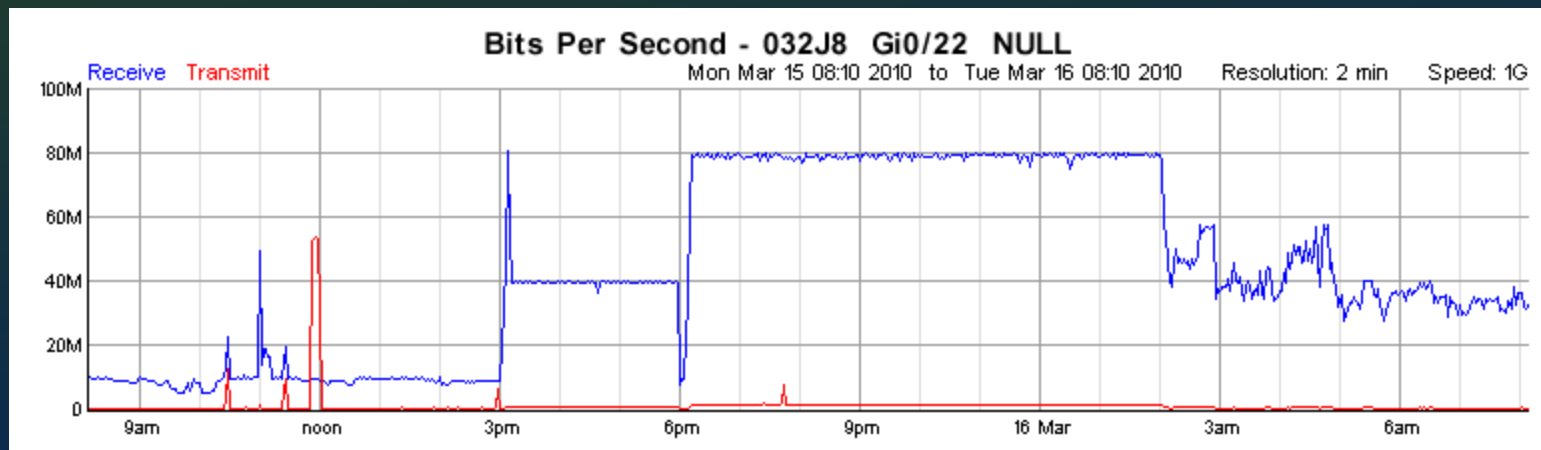
- Discuss early on whether partners have preferential access to the data (CCMs, DOQQs?)
 - ▣ Provide short and easy to find document with partnership resolutions
 - ▣ Partner agreements should have “teeth” to hold partners to those agreements
- Disseminate final product ASAP
 - ▣ Initiate MOU’s etc. They are complicated and take time. Slower during legislative session.
 - ▣ Agree on a backup plan if primary delivery method is delayed (burn and send DVDs or external hard drives)
- Explain to people that the speed of map and image services is impacted by type of network that is used by the client

6. Partner Deliverables

- Discuss early on where data should be housed
 - ▣ NAIP 2009 is now also being served on the Amazon Cloud
 - ▣ Look into the possibility to have data housed in the Department of Administration
 - ▣ Picking Inside Idaho and ISU provides support for Idaho GIS portals

6. Partnership Deliverables

- Technical background on ISU and INSIDE Idaho
 - ▣ ISU transferred 6,553 files (1.03 TB) from INSIDE
 - ▣ Network tests show speeds up to 600Mb/s
 - ▣ ISU and UI both have 1Gb/sec connections to their respective core backbones
 - ▣ Because of external factors actual transfer speeds reached 40-80Mb/s



7. Other comments?

- It took a long time, although that did allow people more time to find funding
- I am glad it is done..

